

**United States Environmental Protection Agency
EPA New England
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November 11, 2005

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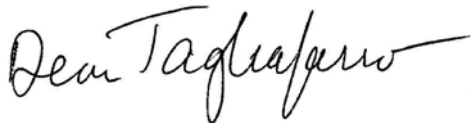
RE: October Monthly Report
1.5 Mile Reach Removal Action
GE-Pittsfield/Housatonic River Site

Enclosed please find the October 2005 Monthly Report for the 1.5 Mile Reach Removal Action. In accordance with the Consent Decree for the GE-Pittsfield/Housatonic River Site, the United States Environmental Protection Agency (EPA) is performing the 1.5 Mile Reach Removal Action, with General Electric funding a portion of the project through a cost sharing formula.

The EPA has entered into an agreement with the United States Army Corps of Engineers (USACE) to assist in the design and construction of the Removal Action. The USACE subsequently awarded a design-construct contract to Weston Solutions, Inc. (Weston). Weston, with several subcontractors, will be performing the design and construction activities for the 1.5 Mile Reach Removal Action.

If you have any questions, please contact me at (413) 236-0969.

Sincerely,



Dean Tagliaferro
1.5 Mile Reach Removal Action Project Manager

1. Overview

During October 2005, the Environmental Protection Agency (EPA), the United States Army Corps of Engineers (USACE), the USACE's contractor, Weston Solutions, Inc., and Weston's subcontractors continued remediation activities on the 1.5 Mile Reach Removal Action. The primary work included the completion of excavation and backfill activities in Cell 37. Installation of the upstream cutoff wall and pulling up from the mud line of the downstream cutoff wall for Cell 38 were also completed. Next, the excavation and backfill activities in Cell 38 were completed. Also, the installation of the sheetpile walls for Cells 37S/38S and 37A/38A and for Cells 39/40 was performed. Also, transfer of TSCA materials from the stockpile management areas to the GE On Plant Consolidation Areas (OPCAs) was performed. In addition, transfer of non-TSCA materials from the stockpile management areas to approved off-site facility continued.

2. Chronological description of tasks performed

Refer to Figure 1 (2 maps) for an orientation of the excavation cells and their respective locations.

By the end of September 2005, excavation activities in Cell 37 were initiated. During the first week of October, the excavation activities were completed. A small section of the floodplain in Cell 37 adjacent to the top of riverbank where GE anticipates performing subsequent remediation on floodplains was remediated and restored by EPA's contractors. The excavated non-TSCA material not characterized for off-site disposal was transported to Building 65 stockpile management areas. (See Table 1 for quantities of material generated in the month of October 2005 and Table 2 for quantities of material generated to date.)

The total amount of material excavated from Cell 37 in the "GE floodplain area" was 9 cy. GE will be responsible for the excavation, backfill, and OPCA disposal costs for the 9 cy of material.

The surveyors monitored the excavation activities in Cell 37 to ensure appropriate design excavation depths were achieved.

The installation of the centerline sheetpile wall for Cells 37A and 38A was completed and the installation of the centerline sheetpile wall for Cells 39 and 40 was initiated.

Also during the first week, the construction of the access road on the east side of the river in Phase 3C continued. The road was built by using geotextile, common fill in low lying areas and a layer of dense grade stone/airport mix. The decontamination of the new batch of 54-inch HDPE pipe was initiated.

During the second week of October, the final excavation verification survey was performed in Cell 37, staking out of the backfill grades was completed and backfilling activities were completed.

The riverbed and riverbank of Cell 37 was backfilled as follows: The riverbed was backfilled with a nine-inch layer of filter material Type II, and a fifteen-inch layer of 9-inch riprap. The riverbanks were backfilled with common fill to the design grade, a nine-inch layer of filter material Type II and a twenty four-inch layer of 18-inch riprap up to the top of the riverbank, which is at approximately elevation 966.0 feet to 966.5 feet above mean sea level (AMSL).

Since the limit of excavation is at approximately elevation 966.0 to 966.5 AMSL, which is the top of the riverbank, no additional backfilling was required. Silt fencing was installed along the top of the riverbank of Cell 37. A layer of temporary erosion control riprap was placed at the downstream end of Cell 37, at the interface between Cell 37 and the unexcavated Cell 37S, to avoid any potential erosion.

The surveyors monitored the backfilling activities in Cell 37 to ensure appropriate design backfill grades were achieved. Once the backfilling was completed, the final restoration verification survey was completed and the upstream and the downstream sheetpile cutoff wall were removed, the cell was flooded and the west side of the river channel was open to river flow.

Next, the installation of the Cell 38 upstream sheetpile cutoff wall was completed. The Cell 38 downstream cutoff wall was installed in September and driven to mud line to allow river flows while excavation and backfill activities are on going in Cell 36. This wall was now pulled up and Cell 38 was isolated. Once Cell 38 was isolated, the dewatering activities were initiated by pumping water greater than 6-inches in depth directly back to the river. Once the water depth reached 6-inches, it was pumped to the water treatment system (WTS). Sumps and swales were installed to help in the dewatering process. Once the dewatering was completed, the survey contractor completed the delineation of non-TSCA and TSCA excavation areas in Cell 38 and excavation activities in Cell 38 were initiated. The excavated TSCA material was transported to Building 63 stockpile management area. The non-TSCA material not characterized for off-site disposal was transported to Area 64A stockpile management area.

Also, the installation of the centerline sheetpile wall for Cells 39 and 40 continued.

Other activities during the second week of October included the removal of the access road and support area on Parcels I7-2-20 and I7-2-1. The removed access road dense grade stone/airport mix material was used in the construction of the access road on the east side of the river in Phase 3C.

Maintenance on the newly restored riverbanks and lawns from Phase 1 through Phase 3B was performed. The removal of the morning glory vines from the trunks of the newly planted trees was completed. The lawn on Parcel I7-3-4 was re-seeded.

Also, decontamination of the large boulders segregated from the previously excavated material was completed. The decontaminated boulders will be used in the future as river enhancement structures.

The fusion welding of the 8-inch HPDE pipe for the WTS discharge line extension continued.

In addition, activities associated with the construction of a temporary building for the WTS sand and carbon filter tanks continued. The temporary building is to be constructed around the WTS filter tanks to prevent freezing.

Finally, with the heavy rain forecasted for the weekend (approximate 1.5-inch to 4.5-inch rainfall) certain storm water control and erosion control measures were taken. Additional riprap was placed on the riverbank at the downstream cutoff wall for Cell 38, to protect the riverbank from possible erosion if overtopping occurs. Silt fencing was placed along the riverbanks on Parcel I7-2-20, Parcel I7-2-1 and Fred Garner Park. All debris was removed from the upstream end of 54-inch HDPE pipes from the river crossing. Arrangements were made to have personal on standby and on call in case of flooding.

Heavy rainfall occurred (approximately 8-inch rainfall) in Berkshire County over the weekend. The river water overtopped the sheetpile walls of Cell 38 and the cell was flooded on Saturday then on Sunday the river over topped its riverbanks in all the floodplain areas throughout the entire 1.5-mile reach. According to the USGS Coltsville Monitoring Station, the river flows reached as high as 6,510 cubic feet per second (cfs), which surpassed the record high flow of 6,300 cfs recorded in 1938.

On Saturday night, prior to the river over topping the riverbanks, the jersey barriers, dense grade stone/airport mix material and the riprap were removed from the river crossing. This reduced the height of the river crossing by approximately one foot. A majority of the stop logs were removed from the temporary river diversion dam.

Other activities performed during the weekend included assisting the residents in the low lying areas in the floodplain. This included setting up and monitoring pumps in the basements of their houses and placing sand bags around the houses to attempt to control the water entering the basements. Also, activities associated with relocated construction equipment from the floodplain areas to the higher ground were preformed.

During the third week of October activities associated with the in-river work such as excavation, backfilling or installation of sheetpile were postponed due to the elevated river water levels.

With the already elevated river water levels and due to the forecasts of additional rain heading towards the Berkshire County, the river crossing in Phase 3C was completely removed. Debris was removed from the trash racks on the 54-inch pipe openings on the temporary river diversion dam. Also the secondary trash/safety rack immediately upstream of the temporary river diversion dam was removed. All remaining stop logs were removed from the temporary dam.

Once the river waters receded back into the river channel post-flood site clean up activities were initiated. The freestanding water was pumped down from the low-lying areas within the construction support areas in Phase 3C. Cleaning of the construction and equipment trailers was completed. Small tools and supplies that were scattered around by the flood were picked up. Activities associated with maintenance and repairs on the equipment that was exposed to water

during the flood were performed. The repairs to the WTS electrical pumps and controls were performed to get the system up and running.

Also, maintenance and repairs of the site access roads damaged by the flood was performed. Repairs were also made to the silt fences along the riverbanks throughout the remediation areas. Flood-related debris was removed from the silt curtain located downstream of the current work zone.

In addition, a post-1,500 cfs inspection was completed throughout the entire 1.5-mile riverbank areas that have already been remediated and restored to inspect the integrity of the riverbanks and note if any erosion occurred. Three discrete areas were observed where erosion occurred during the flood, the first washout occurred on the east side of the riverbank immediately downstream of the temporary river diversion dam. The second one was on the east riverbank in Phase 2, adjacent to the riprap swale immediately upstream of the cantilevered sheetpile wall. The last washout was around the upstream sheetpile cutoff wall of Cell 38.

The following actions were performed to address the most immediate concerns. Nine-inch riprap was placed to repair the washout around the upstream sheetpile cutoff wall of Cell 38 and a layer of 18-inch riprap was placed on the east side of the riverbank immediately downstream of the temporary river diversion dam.

During the fourth week of October, the river crossing was temporarily re-constructed to allow for the completion of the excavation and backfill activities in Cell 38. First the riverbed was re-graded to level off the area where the crossing was to be built, next seven pieces of the 54-inch HDPE pipe were placed across the river channel, anchored down by a layer of 9-inch riprap. Then, a layer of dense grade/airport mix was then placed on top of the riprap. Additional rigging was installed on the pipe for more efficient pipe removal in case of high river flows.

The dewatering activities in Cell 38 were initiated by pumping water greater than 6-inches in depth directly back to the river. Once the water depth reached 6-inches, it was pumped to the WTS. Once the dewatering was completed, the excavation activities in Cell 38 were resumed. A small section of the floodplain in Cell 38 adjacent to the top of riverbank where GE anticipates performing subsequent remediation on floodplains was remediated and restored by EPA's contractors. The excavated TSCA material was transported to Building 63 stockpile management area. The non-TSCA material not characterized for off-site disposal was transported to Area 64C south and Area 64B south stockpile management areas.

The total amount of material excavated from Cell 38 in the "GE floodplain area" was 4 cy. GE will be responsible for the excavation, backfill, and OPCA disposal costs for the 4 cy of material.

The surveyors monitored the excavation activities in Cell 38 to ensure appropriate design excavation depths were achieved. Once the excavation activities were completed, the final excavation verification survey was performed in Cell 38, staking out of the backfill grades was completed.

The riverbed and riverbank of Cell 38 was backfilled as follows: The riverbed was backfilled with a nine-inch layer of filter material Type II, and a fifteen-inch layer of 9-inch riprap. The

riverbanks was backfilled with common fill to the design grade, a nine-inch layer of filter material Type II and a twenty four-inch layer of 18-inch riprap up to the top of the riverbank, which is at approximately elevation 966.0 feet to 966.5 feet AMSL.

The riverbank beyond elevation 966.0 feet and 966.5 feet AMSL, the riverbank was backfilled with common fill to within 6-inches of final grade. The common fill was installed in twelve-inch horizontal lifts and compacted to meet the 95% compaction requirement. The entire riverbank in Cell 38 had slopes steeper than 2H:1V which requires cellular geoweb. Once the geoweb was installed, it was backfilled with a 6-inch layer of topsoil, and then herbaceous seed and erosion control blankets were placed.

Geoweb was also installed in the last 75 feet of the riverbank in Cell 35, which was left undone to avoid disturbance to the restored riverbank during the installation of the upstream sheetpile cutoff wall for Cell 38.

A layer of temporary erosion control riprap was placed at the downstream end of Cell 38, at the interface between Cell 38 and the unexcavated Cell 38S, to avoid any potential erosion.

The surveyors monitored the backfilling activities in Cell 38 to ensure appropriate design backfill grades were achieved. Once the backfilling was completed, silt fencing was installed along the top of the riverbanks of Cell 38, the final restoration verification survey was performed.

The Cell 38 upstream sheetpile cutoff wall was removed and the downstream sheetpile cutoff walls as driven to mud line and the cell was flooded. The Cell 38 downstream cutoff wall will be used in the future as the upstream cutoff wall for Cell 38S.

Once Cell 38 was completely restored the temporary river crossing was removed.

An additional post-flood inspection of the freshly restored Phase 3B riverbanks was completed. Three additional areas were observed where there might have been a minor movement/sliding of the riprap on the riverbank, the necessary repairs to the disturbed riprap was then completed.

Also, maintenance and repairs of the site access roads damaged by the flood, and the repairs to the silt fences along the riverbanks throughout the remediation areas continued. General post-flood site clean up activities continued. In addition, repairs to the flood washout on the east riverbank in Phase 2, adjacent to the riprap swale immediately upstream of the cantilevered sheetpile wall were completed. The disturbed area was backfilled with a minimum six-inch layer of filter stone and a layer of 18-inch riprap.

Other activities during the fourth week of October included decontamination of the large boulders segregated from the previously excavated material. Also, activities associated with the construction of a temporary building for the WTS sand and carbon filter tanks continued.

During the fifth week of October, the removal of the Cell 37/38 centerline sheetpile wall was completed.

Also, the installation of the Cell 39/40 centerline sheetpile wall was re-started.

Originally Cells 37S and 38S were to be excavated as one cell by controlling the river flows by elevating the stop logs on the temporary river diversion dam. After the recent heavy rains and due to the continued elevated river flows, it was decided that the best way to remediate Cells 37S and 38S was to isolate the areas with sheetpile walls and create two separate cells. Since Cells 37S and 38S will now have a centerline sheetpile wall, a section of the previously installed centerline wall for Cells 37A/38A was removed and re-installed to align with the future Cell 37S/38S centerline wall.

In addition, two additional riverbank areas were identified to have been disturbed by the flood. The west riverbank immediately downstream of the articulated concrete block (ACB) revetment in Phase 2A and minor washout on the upper east riverbank immediately downstream of the Pomeroy Avenue Bridge. A Layer of 18-inch riprap was installed to repair the washed out area downstream of the ACB. Topsoil and then herbaceous seed and erosion control blankets were placed to repair the area downstream of the Pomeroy Avenue Bridge.

Other activities during the fifth week of October included the installation of new silt fencing along the entire Phase 3C west riverbank. The installation of river enhancement structures in Cells 35 and 37 was completed. Activities associated with final restoration of the former support area on Parcel I7-1-5 were initiated. The area will be restored with a minimum six-inch layer of topsoil and then herbaceous seed and erosion control blankets will be placed.

Since the Phase 3C river crossing was removed it was decided that the dirt driveway/private road in the back of Parcels I6-1-69 and I6-1-68 will be utilized to perform remediation activities in Cell 38S, Cell 38A, and Cell 40S. Therefore the driveway was reinforced with 3/4-inch stone to support the construction equipment.

Activities associated with the removal of the accumulated sediments from the WTS modutanks were initiated. The sediment was removed from the tanks by a vacuum truck, and then transported to Building 65 stockpile management area where it will be sampled for off-site disposal characterization and mixed with Portland cement.

The construction of a temporary building for the WTS sand and carbon filter tanks continued.

The decontamination of the new batch of 54-inch HDPE pipe was completed.

During the last day of October, activities associated with the installation of the sheetpile walls for Cells 37S/38S continued. The pulling up of the upstream cutoff wall for Cell 38S (former Cell 38 downstream wall) and the installation of the Cell 37S/38S centerline wall were initiated. The centerline sheets will be driven very carefully to embed on top of the siphon structure without damaging the structure.

Also, repairs to the former support area on Parcel I7-1-5 were completed. The area was restored with a minimum six-inch layer of topsoil and then herbaceous seed and erosion control blankets were placed. In addition eight large arborvitaes trees were planted along the riverbank on Parcel I7-1-5 adjacent to the Western Massachusetts Electric Company Substation.

Other miscellaneous activities performed during the last day of October included the removal of the Phase 3B watering system. The construction of a temporary building for the WTS sand and carbon filter tanks continued. The removal of the sediment from the WTS modutanks continued.

During the month of October, the WTS operations continued. The WTS treated water from Cells 37 and 38. Sampling of the WTS for parameters included in the NPDES exclusion permit was performed on October 17, 2005. Air monitoring for particulate matter (PM10 sampling) and surface water turbidity monitoring were performed on a daily basis during the month of October. Surface water sampling for total suspended solids (TSS) and PCBs was performed on October 06, 2005 and October 19, 2005. The monthly PCB air-monitoring event was performed on October 20, 2005. The 54-inch HDPE Pipe PCB wipe samples were collected on October 03, 2005, October 27, 2005 and October 28, 2005. Five eight-point composite post excavation off-site disposal characterization samples were collected on October 03, 2005, October 13, 2005 and October 27, 2005 from the riverbed and riverbank materials excavated from Cell 37 and Cell 38 (stockpiled in Area 64A, Area 64B, Area 64C, and Building 65). Also, on October 31, 2005 backfill material samples were collected.

Geotechnical samples were collected for common fill material. The results of the geotechnical testing are not included in the monthly report but are contained in other submittals and are available upon request.

The transfer of TSCA materials from the Building 63 and Building 65 stockpile management area to the Building 71 OPCA was performed on October 03, 2005, October 13, 2005 and October 26. (See Table 3 for a summary of material transported to the OPCAs during the month of October 2005 and Table 4 for a summary of material transported to the OPCAs for the project through October 2005.)

The non-TSCA materials from the Area 64B, Area 64C, Area 64D and Building 65 stockpile management areas were transported to the Seneca Meadows Landfill, Waterloo, N.Y. from October 03, 2005 to October 13, 2005. Also, the non-TSCA materials from the Area 64A, Area 64C and Building 65 stockpile management areas were transported to the Waste Management of New Hampshire-TREE, Rochester, N.H. from October 14, 2005 to October 20, 2005 (See Table 5 for a summary of material transported to the Seneca Meadows Landfill, Waterloo, N.Y. during the month of October 2005 and Table 6 for a summary of material transported to the Waste Management of New Hampshire-TREE, Rochester, N.H. October 2005).

Also during the month of October 2005, the transfer of the 54-inch HDPE pipe to an approved recycling facility was initiated.

Vibration monitoring activities were completed in Phase 3C on structures located within 200-foot radius of the activities associated with sheetpile installation. Also, sound/noise monitoring was completed during the sheetpile installation activities.

Stockpile management area activities continued throughout the month of October. Daily inspections, operation, and maintenance activities were performed within Buildings 63, 65, Area 64 (the outside stockpile area) and Building 68.

Traffic control was conducted on Lyman Street, Elm Street, Deming Street, Appleton Avenue and Pomeroy Avenue during the month of October.

3. Sampling/test results received

Table 7 contains a summary of the PCB samples collected for the water treatment system sampling program on October 17, 2005. Table 7a contains a summary of the non-PCB sample results collected for the water treatment system sampling program on October 17, 2005. The results of the daily particulate air monitoring program are summarized in Table 8. Results for the daily noise monitoring are provided in Table 9. Table 10 is a summary of daily turbidity monitoring results. Results for PCB and TSS samples and water column monitoring data collected on September 21, 2005 and October 06 are presented in Table 11. The sample results for the water column sample collected on October 19, 2005 are not yet available. Summary of the PCB air sampling conducted on September 13, 2005 and October 20, 2005 are provided in Table 12. However the PCB results for the air samples collected on October 20, 2005 are not yet available. Table 13 contains results for the 54-inch HDPE pipe wipe samples. Post-excavation off-site disposal characterization sample results for the riverbed and riverbank materials excavated from Cell 37 and Cell 38 (stockpiled in Area 64A, Area 64B, Area 64C and Building 65) are summarized in Table 14. The results for the backfill material samples collected on October 31, 2005 are not yet available.

4. Diagrams associated with the tasks performed

Figure 1 (2 maps) includes the layout of all excavation cells, the temporary dam, water monitoring locations, air sampling locations, vibration monitoring locations, access road locations, excavation load-out locations, staging area locations, fence line location, and the new and the old water treatment system pad locations.

5. Reports received and prepared

During the month of October 2005 Weston received a vibration monitoring summary report for the month of September 2005 from Vibra-Tech, Inc. During this period, six seismographs were set up in Phase 3B and 3C to monitor structures on several properties within a 200-foot radius of the sheetpile installation activities, the sewer siphon structure located at the Fred Garner Park and the Pomeroy Avenue Bridge. The following properties were monitored: Parcels I7-2-1; I7-2-2; I7-1-5; I6-1-69; I6-1-68; I6-1-67; I6-1-66 and H7-4-11. All units were set up to collect data on the continuous seismic mode. Activities occurring near the monitoring locations during this

period included normal background activities, the installation of sheetpile walls, and general construction activities. All of the ground vibrations measured were less than the action level in the project specifications of 1.0 PPV (for structures with concrete foundations) except for one exceedance on Parcel I7-1-5 on September 7, 2005. The one exceedance was a single one-minute event and it was Vibra-Tech's opinion that no action be taken.

During the month of October 2005, vibration monitoring was completed on several structures within Phase 3C, the sewer siphon structure located at the Fred Garner Park and the Pomeroy Avenue Bridge. The following properties were monitored: Parcels I7-1-5; I6-1-69; I6-1-68; I6-1-67; I6-1-66 and H7-4-11. However the report has not yet been received.

On October 25, 2005, US EPA issued a memorandum regarding the *HDPE Pipe Cleaning and Approval for Recycling at an Off-site Facility*. This memorandum summarized the documentation for the cleaning of the 54-inch HDPE pipe, the subsequent wipe testing and approval for recycling of the HDPE pipe material as non-virgin raw material for corrugated plastic pipe and/or other non-food related plastic products.

6. Photo documentation of activities performed

See attached photos.

7. Brief description of work to be performed in November 2005

- Complete the installation of the downstream sheetpile cutoff wall for Cell 38S.
- Initiate and complete excavation and backfilling activities in Cell 38S.
- Complete the installation and re-alignment of the centerline sheetpile wall for Cells 37A/38A.
- Install the sheetpile cutoff walls for Cells 38A and 40S.
- Initiate and complete excavation and backfilling activities in Cell 38A and Cell 40S.
- Remove the cutoff walls in Cell 38S and Cell 38A.
- Drive the downstream cutoff wall in Cell 40S to mud line.
- Install the sheetpile cutoff walls for Cell 37S, Cell 37A and Cell 39S.
- Initiate and complete excavation and backfilling activities in Cell 37S, Cell 37A and Cell 39S.

- Remove the cutoff walls for Cell 37S and Cell 37A.
- Drive the downstream cutoff wall in Cell 39S to mud line.
- Remove the centerline sheetpile walls for Cells 37S/38S, Cells 37A/38A and Cells 39S/40S.
- Continue the construction of access roads and staging areas in Phase 3C.
- Continue stockpile management activities at Buildings 63, 65, 68 and Area 64.
- Continue to transfer non-TSCA materials from the stockpile management areas to approved off-site facility.
- Continue to transfer TSCA materials to the OPCAs.
- Continue the daily air, noise and turbidity monitoring.
- Continue PCB air sampling (once a month), water column sampling (twice a month), water treatment system sampling (once a month) and backfill material sampling (as needed).
- Continue vibration monitoring activities in Phase 3C.

8. ATTACHMENTS TO THIS REPORT

Table 1. Quantity of Bank and Sediment Material Excavated during the Month of October

Table 2. Quantity of Bank and Sediment Material Excavated to Date

Table 3. Quantity of Material Transferred to OPCAs during the Month of October

Table 4. Quantity of Material Transferred to OPCAs to Date

Table 5. Quantity of non-TSCA Material Transferred to Seneca Meadows Landfill, Waterloo, N.Y. during the month of October

Table 6. Quantity of non-TSCA Material Transferred to Waste Management of New Hampshire-TREE, Rochester, N.H. during the month of October

Table 7. NPDES PCB Sampling Results for Water Treatment System

Table 7a. NPDES non-PCB Sampling Results for Water Treatment System

Table 8. Daily Air Monitoring Results

Table 9. Daily Noise Monitoring Results

Table 10. Daily Water Column Turbidity Monitoring Results

Table 11. Summary of Turbidity, PCB, and TSS Water Column Monitoring Results

Table 12. PCB Air Sampling Results

Table 13. 54-inch HDPE Pipe Wipe Sample Results

Table 14. Post-Excavation Soil/Sediment Stockpile Characterization Analytical Results

Figure 1- 1.5 Mile Removal Action Site Map (2 maps)

Photodocumentation

**Table 1 - Quantity of Bank and Sediment Material Generated During the Month of October
October 2005 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are reported in cubic yards)

		Approximate Quantity of Excavated Bank and Sediment Material		
Date	Location	non-TSCA	TSCA	NAPL impacted
Bank Soil and Sediment				
10/01/05	Cell 37	10	0	0
10/07/05	Cell 38	230	140	0
10/18/05	Cell 38	70	120	0
10/19/05	Cell 38	200	0	0
	Monthly total from bank soil and sediment	510	260	0

Note:

All quantities are in compacted or "in-place" cubic yards. All loads are estimated at 10cy per truck.
Includes 4cy from Cell 38 of material removed from the "GE Floodplain Area".

**Table 2 - Quantity of Bank and Sediment Material Excavated to Date
October 2005 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are reported in cubic yards)

		Approximate Quantity of Bank and Sediment Material Excavated to Date			
Date	Location	non-TSCA	TSCA	NAPL impacted	Total
09/26/02 to 10/02/02	Cell 1A	101	0	53	154
10/02/02 to 10/04/02	Cell 1B	60	0	110	170
10/18/02 to 10/29/02	Cell 2	874	175	0	1,049
11/11/02 to 11/15/02	Cell 3	183	0	200	383
11/18/02 to 11/25/02	Cell 4	2,283	198	0	2,481
12/03/02 to 12/10/02	Cell 5	1,629	369	0	1,998
01/07/03 to 01/15/03	Cell 6	832	658	0	1,490
01/10/03 to 01/29/03	Cell 6A	2,611	68	0	2,679
02/03/03 to 02/10/03	Cell 7&7A	1,114	636	0	1,750
02/20/03 to 02/24/03	Cell 5A	899	0	0	899
02/25/03 to 03/07/03	Cell 8&8A	1,245	90	0	1,335
03/14/03 to 03/18/03	Cell 9	603	307	0	910
03/27/03 to 04/07/03	Cell 10&10A	1,730	133	0	1,863
04/14/03 to 04/16/03	Cell 12	668	1,354	0	2,022
04/30/03 to 05/09/03	Cell 11	1,713	341	10	2,064
05/27/03 to 06/12/03	Cell 11A	957	166	462	1,585
06/25/03 to 07/29/03	Cell 12A	1,656	805	656	3,117
09/04/03 to 10/22/03	Cell 13	3,580	298	1,129	5,007
01/08/04 to 03/24/04	Cell 14&15	4,462	288	257	5,007
05/25/04 to 07/28/04	Cell 16&17	4,409	822	3,191	8,422
07/30/04 to 09/17/04	Cell 18&19	3,741	65	685	4,491
09/28/04 to 10/25/04	Cell 20	948	591	196	1,735
09/28/04 to 10/25/04	Cell 21	525	569	0	1,094
09/28/04 to 10/25/04	Cell 22	1,170	686	0	1,856
11/04/04 to 12/01/04	Cell 23^	1,725	189	0	1,914
11/04/04 to 12/02/05	Cell 24^	1,610	247	0	1,857
04/06/05 to 4/13/05	Cell 25^	858	369	0	1,227
04/12/05 to 04/19/05	Cell 25A^	419	127	0	546
04/27/05 to 05/04/05	Cell 26^	2,199	357	0	2,556
05/17/05 to 05/20/06	Cell 28	1,281	187	0	1,468
06/01/05 to 06/03/05	Cell 27	1,062	109	0	1,171
06/14/05 to 06/20/05	Cell 29	1,738	241	0	1,979
07/05/05 to 07/13/05	Cell 32^	1,540	541	0	2,081
07/25/05 to 07/28/05	Cell 30^	1,558	304	0	1,862
08/08/05 to 08/12/05	Cell 31^	1,689	211	0	1,900
08/23/05 to 08/24/05	Cell 33/34	1,289	21	0	1,310
09/09/05 to 09/13/05	Cell 35	997	42	0	1,039
09/22/05 to 09/23/05	Cell 36^	1,661	123	0	1,784
09/29/05 to 10/01/05	Cell 37^	573	51	0	624
10/07/05 to 10/19/05	Cell 38^	1,153	140	0	1,293
Total		59,345	11,878	6,949	78,172

Note:

All quantities determined by pre- and post- excavation surveying.

^ - Excludes material removed from the "GE Floodplain Area"

**Table 3 - Quantity of Material Transferred to OPCAs During the Month of October
October 2005 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are reported in cubic yards)

		Approximate Quantity Transported to OPCAs	
Date	# of truckloads	Hill 78 (non-TSCA)	Bldg. 71 (TSCA)
Bank Soil and Sediment			
10/03/05	16	0	176
10/13/05	51	0	561
10/26/05	42	0	462
Monthly totals	109	0	1,199

Note:

All quantities are in compacted or "in-place" cubic yards.

(1) Estimated at 11 cy per truck

Includes 2 truckloads (22cy) of material generated from "GE Floodplain Area" from Cells 36, 37 and 38.

**Table 4 - Quantity of Material Transferred to OPCAs to Date
October 2005 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA
(Results are reported in cubic yards)**

		Approximate Quantity Transported to OPCAs	
Date	Location	Hill 78 (non-TSCA)	Bldg. 71 (TSCA)
Site Preparation Activities			
09/11/02	Building 65 Stockpile Management Area	225	
Bank Soil and Sediment			
12/05/02 to 12/19/02	Stockpile Management Area/Excavation Cells	4,718 (1)	910 (1)
02/11/03 to 02/28/03	Stockpile Management Area/Excavation Cells	5,137 (2)	539 (2)
03/03/03 to 03/14/03	Stockpile Management Area/Excavation Cells	1,749 (2)	1,353 (2)
04/07/03 to 04/18/03	Stockpile Management Area/Excavation Cells	2,710 (3)	1,698 (3)
04/07/03 to 04/18/03	Stockpile Management Area/Cleanup Material	370 (3)	40 (3)
05/12/03 to 05/14/03	Stockpile Management Area/Excavation Cells	1,826 (3)	0
05/12/03 to 05/14/03	Stockpile Management Area/Cleanup Material	220 (3)	0
06/11/03 to 06/12/03	Stockpile Management Area/Excavation Cells	0	704 (3)
06/16/03 to 06/17/03	Stockpile Management Area/Excavation Cells	712 (3)	0
06/16/03 to 06/17/03	Stockpile Management Area/Cleanup Material	146 (3)	0
07/07/03 to 07/11/03	Stockpile Management Area/Excavation Cells	1,188 (3)	748 (3)
09/15/03 to 09/30/03	Stockpile Management Area/Excavation Cells	2,090 (3)	308 (3)
10/28/03 to 10/30/03	Stockpile Management Area/Excavation Cells	1,623 (3)	33 (3)
10/28/03 to 10/30/03	Stockpile Management Area/Cleanup Material	181 (3)	0
11/18/03	Demolition Debris from Parcels I8-10-2 and I8-10-3	200 (4)	0
1/12/04	Stockpile Management Area/Excavation Cells	77 (3)	0
04/28/04 to 4/30/04	Stockpile Management Area	0	825 (3)
05/12/04 to 05/27/04	Stockpile Management Area/Excavation Cells/Outfall Repair on Parcel I8-23-6	1,518 (3)	484 (3)
06/03/04 to 06/22/04	Stockpile Management Area	0	528 (3)
07/06/04 to 07/16/05	Stockpile Management Area	396 (3)	836 (3)
08/11/04 to 08/31/04	Stockpile Management Area	1,045 (3)	0
09/28/04 to 09/30/04	Stockpile Management Area	1,375 (3)	0
10/01/04 to 10/14/04	Stockpile Management Area	352 (3)	1,958 (3)
11/01/04 to 11/15/04	Stockpile Management Area	363 (3)	1,342 (3)
12/02/04 to 12/14/04	Stockpile Management Area	176 (3)	847 (3)
04/20/05 to 04/22/05	Stockpile Management Area *	0	482 (3)
05/05/05 to 05/23/05	Stockpile Management Area **	0	1,067 (3)
6/27/05	Stockpile Management Area	0	154 (3)
07/07/05 to 07/29/05	Stockpile Management Area***	0	1,807 (3)
08/01/05 to 08/22/05	Stockpile Management Area****	0	1,445 (3)
10/03/05 to 10/26/06	Stockpile Management Area*****	0	1,177(3)
Project Totals		28,238	19,285

Notes:

Pursuant to the Consent Decree, EPA is allowed to dispose of up to 50,000cy of material into GE OPCAs.

Pursuant to August 2004 agreement between EPA and GE, EPA is allowed to dispose an additional 750cy of material into the GE OPCAs to account for a portion of the volume of material generated as part of the removal of the gabion baskets and reno mattresses along Deming Street.

* - Excludes the 104 truck loads (1,168 cy) of the "GE Floodplain Area".

** - Excludes the 29 (319 cy) truck loads of the "GE Floodplain Area".

***- Excludes the 20 (217cy) truck loads of the "GE Floodplain Area".

****- Excludes the 11 (117cy) truck loads of the "GE Floodplain Area".

*****- Excludes the 2 (22cy) truck loads of the "GE Floodplain Area".

All quantities are in compacted or "in-place" cubic yards.

- (1) Estimated at 14cy per truck, loaded with excavator.
- (2) Estimated at 11cy per truck due to loading out frozen material.
- (3) Estimated at 11cy per truck, loaded with front end loader.
- (4) Estimated at 8cy per truck

**Table 5 - Quantity of non-TSCA Material Transported to Seneca Meadows Landfill, Waterloo, N.Y.
During the Month of October
October 2005 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are reported in tons)

Date Shipped	Doc. Number	Stockpile Area	Net Weight (Tons) (1)
10/03/05	0716SM	Insitu Cell 35, Building 65	32.53
10/03/05	0717SM	Insitu Cell 35, Building 65	33.03
10/03/05	0718SM	Insitu Cell 35, Building 65	29.20
10/03/05	0719SM	Insitu Cell 35, Building 65	30.07
10/07/05	0720SM	Cell 36 Area 64Dnorth	30.97
10/07/05	0721SM	Cell 36 Area 64Dnorth	30.72
10/07/05	0722SM	Cell 36 Area 64Dnorth	29.54
10/07/05	0723SM	Cell 36 Area 64Dnorth	30.06
10/07/05	0724SM	Cell 36 Area 64Dnorth	31.30
10/07/05	0725SM	Cell 36 Area 64Dnorth	33.09
10/07/05	0726SM	Cell 36 Area 64Dnorth	31.23
10/07/05	0727SM	Cell 36 Area 64Dnorth	28.34
10/07/05	0728SM	Cell 36 Area 64Dnorth	30.40
10/07/05	0729SM	Cell 36 Area 64Dnorth	31.24
10/07/05	0730SM	Cell 36 Area 64Dnorth	29.83
10/07/05	0731SM	Cell 36 Area 64Dnorth	28.95
10/07/05	0732SM	Cell 36 Area 64Dnorth	30.93
10/07/05	0733SM	Cell 36 Area 64Dnorth	29.19
10/07/05	0734SM	Cell 36 Area 64Dnorth	31.78
10/07/05	0735SM	Cell 36 Area 64Dnorth	32.04
10/10/05	0736SM	Cell 36 Area 64Dnorth	31.42
10/10/05	0737SM	Cell 36 Area 64Dnorth	31.95
10/10/05	0738SM	Cell 36 Area 64Dnorth	31.58
10/10/05	0739SM	Cell 36 Area 64Dnorth	32.03
10/10/05	0740SM	Cell 36 Area 64Dnorth	29.14
10/10/05	0741SM	Cell 36 Area 64Dnorth	30.06
10/10/05	0742SM	Cell 36 Area 64Dnorth	31.76
10/10/05	0743SM	Cell 36 Area 64Dnorth	33.15
10/10/05	0744SM	Cell 36 Area 64Dnorth	31.80
10/11/05	0745SM	Cell 36 Area 64Dnorth	30.58
10/11/05	0746SM	Cell 36 Area 64Dnorth	29.91
10/11/05	0747SM	Cell 36 Area 64Dsouth	30.23
10/11/05	0748SM	Cell 36 Area 64Dsouth	29.41
10/11/05	0749SM	Cell 36 Area 64Dsouth	29.07
10/11/05	0750SM	Cell 36 Area 64Dsouth	31.48
10/11/05	0751SM	Cell 36 Area 64Dsouth	31.15
10/11/05	0752SM	Cell 36 Area 64Dsouth	29.68
10/11/05	0753SM	Cell 36 Area 64Dsouth	28.69

Date Shipped	Doc. Number	Stockpile Area	Net Weight (Tons) (1)
10/11/05	0754SM	Cell 36 Area 64Dsouth	28.47
10/11/05	0755SM	Cell 36 Area 64Dsouth	30.19
10/11/05	0756SM	Cell 36 Area 64Dsouth	30.24
10/11/05	0757SM	Cell 36 Area 64Dsouth	33.15
10/11/05	0758SM	Cell 36 Area 64Dsouth	32.86
10/11/05	0759SM	Cell 36 Area 64Dsouth	30.24
10/11/05	0760SM	Cell 36 Area 64Dsouth	31.83
10/12/05	0761SM	Cell 36 Area 64Dsouth	29.00
10/12/05	0762SM	Cell 36 Area 64Bsouth	29.03
10/12/05	0763SM	Cell 36 Area 64Bsouth	30.51
10/12/05	0764SM	Cell 36 Area 64Bsouth	29.49
10/12/05	0765SM	Cell 36 Area 64Bsouth	31.03
10/12/05	0766SM	Cell 36 Area 64Bsouth	29.86
10/12/05	0767SM	Cell 36 Area 64Bsouth	32.20
10/12/05	0768SM	Cell 36 Area 64Bsouth	30.19
10/12/05	0769SM	Cell 36 Area 64Bsouth	31.55
10/12/05	0770SM	Cell 36 Area 64Bsouth	30.86
10/12/05	0771SM	Cell 36 Area 64Bsouth	32.66
10/12/05	0772SM	Cell 36 Area 64Bsouth	30.47
10/12/05	0773SM	Cell 36 Area 64Bsouth	31.58
10/12/05	0774SM	Cell 36 Area 64Bsouth	29.85
10/12/05	0775SM	Cell 36 Area 64Bsouth	32.71
10/12/05	0776SM	Cell 36 Area 64Bsouth	30.46
10/12/05	0777SM	Cell 36 Building 65	31.06
10/12/05	0778SM	Cell 36 Building 65	30.19
10/12/05	0779SM	Cell 36 Building 65	32.07
10/13/05	0780SM	Cell 37 Area 64Csouth	30.75
10/13/05	0781SM	Cell 37 Area 64Csouth	31.37
10/13/05	0782SM	Cell 37 Area 64Csouth	31.31
10/13/05	0783SM	Cell 37 Area 64Csouth	31.24
10/13/05	0784SM	Cell 37 Area 64Csouth	31.91
10/13/05	0785SM	Cell 37 Area 64Csouth	30.66
10/13/05	0786SM	Cell 37 Area 64Csouth	30.77
10/13/05	0787SM	Cell 37 Area 64Csouth	31.75
10/13/05	0788SM	Cell 37 Area 64Csouth	30.56
10/13/05	0789SM	Cell 37 Area 64Csouth	32.30
10/13/05	0790SM	Cell 37 Area 64Csouth	29.82
10/13/05	0791SM	Cell 37 Area 64Csouth	29.91
10/13/05	0792SM	Cell 37 Area 64Csouth	31.74
10/13/05	0793SM	Cell 37 Area 64Csouth	29.91
10/13/05	0794SM	Cell 37 Area 64Csouth	29.43
10/13/05	0795SM	Cell 37 Area 64Csouth	29.81
10/13/05	0796SM	Cell 36 Building 65	29.47
10/13/05	0797SM	Cell 36 Building 65	28.73
10/13/05	0798SM	Cell 36 Building 65	30.33
Total of Material Disposed			2,551.05

Notes:

(1) Net weights established at the disposal facility.

**Table 6 - Quantity of non-TSCA Material Transported to Waste Management of New Hampshire-TREE,
Rochester, N.H.
During the Month of October
October 2005 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are reported in tons)

Date Shipped	Doc. Number	Stockpile Area	Net Weight (Tons) (1)
10/14/05	0948WMNH	Cell 37 Area 64Cnorth	32.46
10/14/05	0949WMNH	Cell 37 Area 64Cnorth	32.34
10/14/05	0950WMNH	Cell 37 Area 64Cnorth	32.65
10/14/05	0951WMNH	Cell 37 Area 64Cnorth	30.88
10/14/05	0952WMNH	Cell 37 Area 64Cnorth	30.59
10/14/05	0953WMNH	Cell 37 Area 64Cnorth	31.23
10/14/05	0954WMNH	Cell 37 Area 64Cnorth	29.54
10/14/05	0955WMNH	Cell 37 Area 64Cnorth	30.29
10/14/05	0956WMNH	Cell 37 Area 64Cnorth	31.35
10/14/05	0957WMNH	Cell 37 Area 64Cnorth	30.05
10/14/05	0958WMNH	Cell 37 Area 64Cnorth	30.51
10/17/05	0959WMNH	Cell 36 Building 65	29.17
10/17/05	0960WMNH	Cell 36 Building 65	30.18
10/17/05	0961WMNH	Cell 36 Building 65	31.10
10/17/05	0962WMNH	Cell 36 Building 65	31.09
10/17/05	0963WMNH	Cell 36 Building 65	32.17
10/17/05	0964WMNH	Cell 36 Building 65	31.92
10/17/05	0965WMNH	Cell 36 Building 65	31.49
10/17/05	0966WMNH	Cell 36 Building 65	33.87
10/17/05	0967WMNH	Cell 36 Building 65	31.10
10/17/05	0968WMNH	Cell 36 Building 65	29.21
10/17/05	0969WMNH	Cell 36 Building 65	30.16
10/17/05	0970WMNH	Cell 36 Building 65	31.12
10/17/05	0971WMNH	Cell 36 Building 65	31.57
10/18/05	0972WMNH	Cell 36 Building 65	32.27
10/18/05	0973WMNH	Cell 36 Building 65	30.36
10/18/05	0974WMNH	Cell 37 Area 64Cnorth	32.09
10/18/05	0975WMNH	Cell 37 Area 64Cnorth	33.11
10/18/05	0976WMNH	Cell 37 Area 64Cnorth	28.18
10/18/05	0977WMNH	Cell 38 Area 64A	32.97
10/18/05	0978WMNH	Cell 38 Area 64A	32.85
10/18/05	0979WMNH	Cell 38 Area 64A	31.93
10/18/05	0980WMNH	Cell 38 Area 64A	31.90
10/18/05	0981WMNH	Cell 38 Area 64A	33.85
10/18/05	0982WMNH	Cell 38 Area 64A	32.86

Date Shipped	Doc. Number	Stockpile Area	Net Weight (Tons) (1)
10/19/05	0983WMNH	Cell 38 Area 64A	31.24
10/19/05	0984WMNH	Cell 38 Area 64A	32.87
10/19/05	0985WMNH	Cell 38 Area 64A	32.04
10/19/05	0986WMNH	Cell 38 Area 64A	30.40
10/19/05	0987WMNH	Cell 38 Area 64A	30.84
10/19/05	0988WMNH	Cell 38 Area 64A	30.89
10/19/05	0989WMNH	Cell 38 Area 64A	30.51
10/19/05	0990WMNH	Cell 38 Area 64A	30.67
10/19/05	0991WMNH	Cell 38 Area 64A	33.19
10/19/05	0992WMNH	Cell 38 Area 64A	32.07
10/20/05	0993WMNH	Cell 38 Area 64A	30.38
10/20/05	0994WMNH	Cell 38 Area 64A	32.12
10/20/05	0995WMNH	Cell 38 Area 64A	32.86
10/20/05	0996WMNH	Cell 38 Area 64A	33.49
10/20/05	0997WMNH	Cell 38 Area 64A	33.42
Total of Material Disposed			1,575.40

Notes:

(1) Net weights established at the disposal facility.

**Table 7- NPDES Sampling Results for Water Treatment System
October 2005 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are presented in part per billion, ppb)

Sample ID	Location	Date Collected	Aroclor 1016, 1221, 1232, & 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-WW000001-0-5C17	Influent	17-Oct-05	ND(1.3)	ND(1.3)	13.0	3.9	17.0
H2-WW000002-0-5C17	Intermediate	17-Oct-05	ND(0.013)	ND(0.013)	0.013	0.038	0.051
H2-WW000003-0-5C17	Effluent	17-Oct-05	ND(0.014)	ND(0.014)	ND(0.014)	0.021	0.021
Action Level	Effluent		0.50	0.50	0.50	0.50	0.50

Notes:

ND(0.013) - Analyte was not detected. The value in parentheses is the associated detection limit.

Intermediate - Sample collected between carbon units which are being operated in series.

10/17/05 - monthly sampling

**Table 7a - NPDES non-PCB Sampling Results for Water Treatment System
October 2005 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are presented in part per billion, ppb)

Sample ID	H2-WW000001-0-5C17	H2-WW000002-0-5C17	H2-WW000003-0-5C17	NPDES Permit Regulatory Effluent Limits
Sample type	Influent	Intermediate	Effluent	
Date Collected	17-Oct-05	17-Oct-05	17-Oct-05	
Analyte				
APP IX SEMIVOLATILES				
	---	---	---	
APP IX VOLATILES				
	---	---	---	
METALS				
BARIUM	48.2	---	17	100
CADMIUM	1.8	---	ND	N/A
CHROMIUM	9.5	---	2.4	100
COBALT	5.3	---	ND	100
COPPER	36.8	---	7.4	100
LEAD	70.5	---	ND	50
NICKEL	6.9	---	10.1	100
SILVER	3.9	---	3.5	100
VANADIUM	6.7	---	ND	100
ZINC	85.9	---	76.3	500

NOTES:

Intermediate - sample collected between carbon units which are being operated in series.

Only detected constituents are summarized

ND - not detected

--- not sampled

**Table 8 - Daily Air Monitoring Results
October 2005 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

Date Collected	Sample Location	Average Site Concentration (mg/m³)	Average Period (Hours:Min)
10/1/2005	Upwind	weekend	weekend
	Downwind	weekend	weekend
10/2/2005	Upwind	weekend	weekend
	Downwind	weekend	weekend
10/3/2005	Upwind	0.007	5
	Downwind	0.007	5
10/4/2005	Upwind	0.000	7
	Downwind	0.033	7
10/5/2005	Upwind	0.002	7
	Downwind	0.050	7
10/6/2005	Upwind	0.012	4
	Downwind	0.000	5
10/7/2005	Upwind	N/A	N/A
	Downwind	N/A	N/A
10/8/2005	Upwind	weekend	weekend
	Downwind	weekend	weekend
10/9/2005	Upwind	weekend	weekend
	Downwind	weekend	weekend
10/10/2005	Upwind	N/A	N/A
	Downwind	N/A	N/A
10/11/2005	Upwind	N/A	N/A
	Downwind	N/A	N/A
10/12/2005	Upwind	N/A	N/A
	Downwind	N/A	N/A
10/13/2005	Upwind	N/A	N/A
	Downwind	N/A	N/A
10/14/2005	Upwind	N/A	N/A
	Downwind	N/A	N/A
10/15/2005	Upwind	weekend	weekend
	Downwind	weekend	weekend
10/16/2005	Upwind	weekend	weekend
	Downwind	weekend	weekend
10/17/2005	Upwind	N/A	N/A
	Downwind	N/A	N/A
10/18/2005	Upwind	N/A	N/A
	Downwind	N/A	N/A
10/19/2005	Upwind	0.008	21
	Downwind	--	--
10/20/2005	Upwind	0.002	6
	Downwind	0.001	6
10/21/2005	Upwind	--	--
	Downwind	--	--
10/22/2005	Upwind	weekend	weekend
	Downwind	weekend	weekend
10/23/2005	Upwind	weekend	weekend
	Downwind	weekend	weekend
10/24/2005	Upwind	0.005	6
	Downwind	0.005	6

Date Collected	Sample Location	Average Site Concentration (mg/m ³)	Average Period (Hours:Min)
10/25/2005	Upwind	N/A	N/A
	Downwind	N/A	N/A
10/26/2005	Upwind	N/A	N/A
	Downwind	N/A	N/A
10/27/2005	Upwind	0.000	12
	Downwind	0.000	15
10/28/2005	Upwind	--	--
	Downwind	--	--
10/29/2005	Upwind	weekend	weekend
	Downwind	weekend	weekend
10/30/2005	Upstream	weekend	weekend
	Downstream	weekend	weekend
10/31/2005	Upwind	0.000	5
	Downwind	0.000	5
notification level		0.120	
action level		0.150	

Notes:

N/A - Not available due to precipitation forecast > 50%

--- - No reading due to technical difficulties with monitoring equipment

**Table 9- Daily Noise Monitoring Results
October 2005 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

Date	Noise (dBA)			Average Period (Hours:Min)
	High	Low	Average	
9/1/2005	94.5	47.4	67.6	7.6
9/2/2005	xx	xx	xx	xx
9/3/2005	Weekend	Weekend	Weekend	Weekend
9/4/2005	Weekend	Weekend	Weekend	Weekend
9/5/2005	Weekend	Weekend	Weekend	Weekend
9/6/2005	**	**	**	**
9/7/2005	88.3	59.6	68.6	0.7
9/8/2005	98.9	56.9	73.1	3.3
9/9/2005	##	##	##	##
9/10/2005	Weekend	Weekend	Weekend	Weekend
9/11/2005	Weekend	Weekend	Weekend	Weekend
9/12/2005	##	##	##	##
9/13/2005	87.8	46.2	68.2	8.0
9/14/2005	81.3	43.5	55.9	6.3
9/15/2005	N/A	N/A	N/A	N/A
9/16/2005	N/A	N/A	N/A	N/A
9/17/2005	Weekend	Weekend	Weekend	Weekend
9/18/2005	Weekend	Weekend	Weekend	Weekend
9/19/2005	--	--	--	--
9/20/2005	N/A	N/A	N/A	N/A
9/21/2005	92.3	45.2	71.8	6.9
9/22/2005	xx	xx	xx	xx
9/23/2005	90.6	53.2	76.2	6.8
9/24/2005	Weekend	Weekend	Weekend	Weekend
9/25/2005	Weekend	Weekend	Weekend	Weekend
9/26/2005	N/A	N/A	N/A	N/A
9/27/2005	86.6	47.1	60.8	5.5
9/28/2005	75.8	49.1	54.6	6.0
9/29/2005	N/A	N/A	N/A	N/A
9/30/2005	93	66	72.6	4.0

Notes:

dBA - Decibel

N/A - Not deployed due to weather

--- - No readings due to technical errors

- Battery Died during sampling

** - No data due to Data Download

xx - No data due to minimal site activity/piledriving

**Table 10 - Daily Water Column Turbidity Monitoring Results
October 2005 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

Date	Flow at Coltsville (cfs)	Location	Turbidity (ntu)			Temperature Average (°C)
			Reading 1	Reading 2	Average	
10/1/2005	21	Downstream of Lyman Street Bridge	weekend	weekend	weekend	13.6
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	13.4
10/2/2005	20	Downstream of Lyman Street Bridge	weekend	weekend	weekend	14.1
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	13.9
10/3/2005	19	Downstream of Lyman Street Bridge	1.2	2.1	1.7	14.6
		Downstream of Holmes Road Bridge	0.8	1.5	1.2	14.5
10/4/2005	20	Downstream of Lyman Street Bridge	1.4	1.8	1.6	15.9
		Downstream of Holmes Road Bridge	1.2	1.5	1.4	15.5
10/5/2005	17	Downstream of Lyman Street Bridge	2.4	1.8	2.1	16.4
		Downstream of Holmes Road Bridge	1.3	1.1	1.2	16.0
10/6/2005	17	Downstream of Lyman Street Bridge	0.5	2.6	1.6	17.4
		Downstream of Holmes Road Bridge	1.7	1.8	1.8	16.7
10/7/2005	18	Downstream of Lyman Street Bridge	2.6	2.1	2.4	18.2
		Downstream of Holmes Road Bridge	2.8	2.3	2.6	17.8
10/8/2005	873	Downstream of Lyman Street Bridge	weekend	weekend	weekend	17.6
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	17.8
10/9/2005	3550	Downstream of Lyman Street Bridge	weekend	weekend	weekend	15.2
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	15.3
10/10/2005	717	Downstream of Lyman Street Bridge	EW	EW	EW	14.6
		Downstream of Holmes Road Bridge	EW	EW	EW	15.3
10/11/2005	230	Downstream of Lyman Street Bridge	25.6	15.7	20.7	TD
		Downstream of Holmes Road Bridge	12.5	42.1	27.3	15.4
10/12/2005	179	Downstream of Lyman Street Bridge	4.5	2.3	3.4	13.0
		Downstream of Holmes Road Bridge	5.8	2.8	4.3	12.3
10/13/2005	173	Downstream of Lyman Street Bridge	0.8	1.9	1.4	12.9
		Downstream of Holmes Road Bridge	1.5	0.9	1.2	13.5
10/14/2005	220	Downstream of Lyman Street Bridge	2.3	1.6	2.0	13.3
		Downstream of Holmes Road Bridge	5.4	3.9	4.7	13.3
10/15/2005	618	Downstream of Lyman Street Bridge	weekend	weekend	weekend	12.0
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	13.5
10/16/2005	383	Downstream of Lyman Street Bridge	weekend	weekend	weekend	10.9
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	12.6
10/17/2005	227	Downstream of Lyman Street Bridge	2.6	1.2	1.9	10.7
		Downstream of Holmes Road Bridge	8.5	5.1	6.8	11.7
10/18/2005	179	Downstream of Lyman Street Bridge	2.5	1.1	1.8	11.4
		Downstream of Holmes Road Bridge	3.6	1.1	2.4	11.6
10/19/2005	159	Downstream of Lyman Street Bridge	0.5	0.9	0.7	10.8
		Downstream of Holmes Road Bridge	1.2	1.6	1.4	11.8
10/20/2005	139	Downstream of Lyman Street Bridge	0.5	1.7	1.1	9.3
		Downstream of Holmes Road Bridge	0.8	1.2	1.0	11.5
10/21/2005	131	Downstream of Lyman Street Bridge	NS	NS	NS	9.5
		Downstream of Holmes Road Bridge	NS	NS	NS	10.9
10/22/2005	129	Downstream of Lyman Street Bridge	weekend	weekend	weekend	8.5
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	10.1
10/23/2005	232	Downstream of Lyman Street Bridge	weekend	weekend	weekend	7.9
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	9.1

Date	Flow at Coltsville (cfs)	Location	Turbidity (ntu)			Temperature Average (°C)
			Reading 1	Reading 2	Average	
10/24/2005	226	Downstream of Lyman Street Bridge	15.2	3.9	9.6	8.0
		Downstream of Holmes Road Bridge	4.6	2.1	3.4	9.1
10/25/2005	717	Downstream of Lyman Street Bridge	3.8	1.6	2.7	7.8
		Downstream of Holmes Road Bridge	6.7	4.2	5.5	8.8
10/26/2005	779	Downstream of Lyman Street Bridge	10.1	8.3	9.2	6.8
		Downstream of Holmes Road Bridge	15.3	20.1	17.7	7.9
10/27/2005	390	Downstream of Lyman Street Bridge	6.3	2.1	4.2	6.7
		Downstream of Holmes Road Bridge	5.7	5.3	5.5	7.8
10/28/2005	292	Downstream of Lyman Street Bridge	9.9	7.6	8.8	6.3
		Downstream of Holmes Road Bridge	15.9	19.7	17.8	7.5
10/29/2005	247	Downstream of Lyman Street Bridge	weekend	weekend	weekend	6.4
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	7.5
10/30/2005	218	Downstream of Lyman Street Bridge	weekend	weekend	weekend	6.6
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	7.5
10/31/2005	197	Downstream of Lyman Street Bridge	3.3	5.3	4.3	7.5
		Downstream of Holmes Road Bridge	5.8	6.3	6.1	8.1

Notes:

Turbidity Action Level - Average Downstream (Pomeroy Avenue) \geq Average Downstream

(Lyman Street) + 50 ntu

cfs - Cubic feet per second

ntu - nephelometric turbidity units

Measurements collected using YSI 6200 Data Acquisition System using 600 OMS

sonde with a 6136 Turbidity Probe

Flow data was obtained from the USGS Station 01197000 in Coltsville, MA at approximately midday.

Negative values are attributed to +/- 2ntu accuracy of the turbidity probe.

N/A - Data not collected: Dam Closed

EW - Elevated water level - No work conducted

TD - Technical difficulties

NS - No sample collected - Sample Tech not Available

**Table 11- Summary of Turbidity, PCB, and TSS Water Column Monitoring Results
October 2005 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

Location	Date	Estimated Flow (cfs)	Turbidity (ntu)			Water Temp. (°C)	Sample ID	Total PCB Concentration (ug/l)	Filtered PCB Concentration (ug/l)	TSS (mg/l)
			Read 1	Read 2	Daily Average					
Upstream of Newell St. Bridge	09/21/05	18	NS	NS	NS	NS	H0-SW000054-0-5S21	ND(0.013)	ND(0.013)	6.1
Downstream of Lyman St. Bridge	09/21/05	18	1.2	1.3	1.2	18.0	H2-SW000055-0-5S21	0.029	ND(0.013)	6.2
Downstream of Holmes Rd. Bridge	09/21/05	18	1.5	1.6	1.6	19.0	H3-SW000006-0-5S21	0.084	0.017	4.0
Upstream of Newell St. Bridge	10/06/05	17	NS	NS	NS	NS	H0-SW000054-0-5C06	NS	NS	NS
Downstream of Lyman St. Bridge	10/06/05	17	0.5	2.6	1.6	17.4	H2-SW000055-0-5C06	ND(0.013)	ND(0.013)	5.4
Downstream of Holmes Rd. Bridge	10/06/05	17	1.7	1.8	1.8	16.7	H2-SW000006-0-5C06	0.21	0.016	26.2
Downstream of Holmes Rd. Bridge (duplicate)	10/06/05	17	1.7	1.8	1.8	16.7	H2-SW000006-1-5C06	0.016	NS	NS
Upstream of Newell St. Bridge	10/19/05	159	NS	NS	NS	NS	H0-SW000054-0-5C19	NR	NR	NR
Downstream of Lyman St. Bridge	10/19/05	159	0.5	0.9	0.7	10.8	H2-SW000055-0-5C19	NR	NR	NR
Downstream of Holmes Rd. Bridge	10/19/05	159	1.2	1.6	1.4	11.8	H3-SW000006-0-5C19	NR	NR	NR

Notes:

PCB Action Level - Downstream (Pomeroy Avenue) \geq Downstream (Lyman Street) + 5 ug/L

ND(0.013) - Analyte was not detected. The value in parentheses is the associated detection limit.

cfs - Cubic feet per second

ntu - nephelometric turbidity units

NS - Not Sampled

NR - Not yet reported

Temperature measured YSI 600 oms system.

Flow data was obtained from the USGS Station 01197000 in Coltsville, MA at approximately midday.

Water column samples were collected as 4 grab composite samples.

**Table 12 - PCB Air Sampling Results
October 2005 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are presented in $\mu\text{g}/\text{m}^3$)

Sample ID	Location (1)	Date Collected	Aroclor 1016, & 1242	Aroclor 1221, 1232, & 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-AR000007-0-5S13	AR000007	13-Sep-05	ND(0.00281)	ND(0.00281)	0.00759*	0.00703*	0.01462*
H2-AR000047-0-5S13	AR000047	13-Sep-05	ND(0.00268)	ND(0.00268)	0.00562*	0.00455*	0.01017*
H2-AR000047-1-5S13 (duplicate)	AR000047	13-Sep-05	ND(0.00273)	ND(0.00273)	0.00545*	0.00436*	0.00981*
H2-AR000048-0-5S13	AR000048	13-Sep-05	ND(0.00284)	ND(0.00284)	0.00796*	0.00682*	0.01478*
H2-AR000050-0-5S13	AR000050	13-Sep-05	ND(0.00272)	ND(0.00272)	0.00408*	0.00326*	0.00734*
H2-AR000007-0-5C20	AR000007	20-Oct-05	NR	NR	NR	NR	NR
H2-AR000048-0-5C20	AR000048	20-Oct-05	NR	NR	NR	NR	NR
H2-AR000051-1-5C20 (duplicate)	AR000051	20-Oct-05	NR	NR	NR	NR	NR
H2-AR000051-0-5C20	AR000051	20-Oct-05	NR	NR	NR	NR	NR
H2-AR000052-0-5C20	AR000052	20-Oct-05	NR	NR	NR	NR	NR

Notes:

Notification Level: $0.05\mu\text{g}/\text{m}^3$

Action Level: $0.1\mu\text{g}/\text{m}^3$

1- See Figure 1 for locations

NR - Not yet reported

* - Reported value may be biased due to apparent matrix interference.

**Table 13 - 54-inch HDPE Pipe Wipe Samples
October 2005 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are presented in $\mu\text{g}/100 \text{ cm}^2$)

Sample ID	Date Collected	Aroclor 1016, 1221, 1232, 1242, & 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-XI000252-0-5C03	03-Oct-05	ND(0.05)	0.094	0.086	0.18
H2-XI000253-0-5C03	03-Oct-05	ND(0.05)	0.106	0.088	0.194
H2-XI000254-0-5C03	03-Oct-05	ND(0.05)	0.112	0.106	0.22
H2-XI000255-0-5C27	27-Oct-05	ND(0.05)	ND(0.05)	0.05	0.05
H2-XI000256-0-5C28	28-Oct-05	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)

Notes:

ND(0.25) - Analyte was not detected. The value in parentheses is the associated detection limit.

Table 14 - Post Excavation Soil/ Sediment Stockpile Characterization Analytical Results
October 2005 Monthly Report
GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in part per million, ppm)

Sample ID	H2-OT000303-0-5C03	H2-OT000304-0-5C13	H2-OT000305-0-5C13	H2-OT000306-0-5C27	H2-OT000307-0-5C27
Sample type	stockpile material characterization	stockpile material characterization	stockpile material characterization (1)	stockpile material characterization	stockpile material characterization
Date Collected	10/3/2005	10/13/2005	10/13/2005	10/27/2006	10/27/2005
Stockpile Location	Area 64C	Area 64A	Building 65	Area 64C	Area 64B
Analyte					
PCBS					
AROCLOR-1254	6.7 J	2.9	9.0	1.5	2.1
AROCLOR-1260	36.0	11.0 J	41.0	7.0	7.9
PCB, TOTAL	43.0 J	14.0	50.0	8.5	10.0
INORGANICS					
PAINT FILTER LIQUIDS (ml)	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
PERCENT SOLIDS (%)	91.1%	91.0%	83.9%	87.6%	84.1%

Notes:

Only detected constituents are summarized

(1) Material represented by this sample is classified as TSCA material. Material to be transported to GE's Building 71 OPCA.



Photograph 1 – Installation of the Cell 38 Upstream Cutoff Wall



Photograph 2 – Excavation Activities in Cell 38



Photograph 3 – Restored Cells 35 and 36



Photograph 4 – River Flooded Phase 3C



Photograph 5 – River Flooded Phase 3B



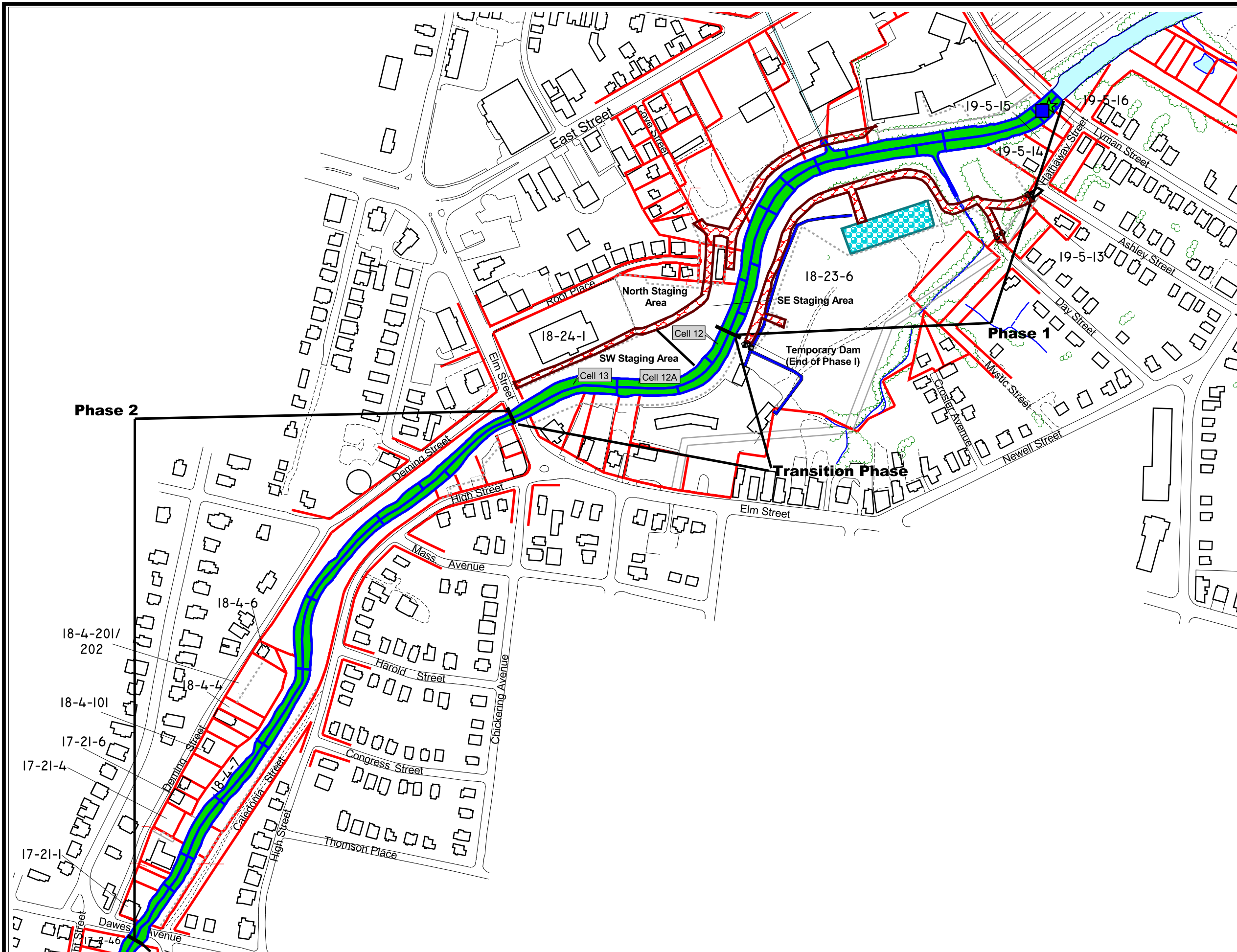
Photograph 6 – Backfill Activities in Cell 38



Photograph 7 – Removal of the River Crossing



Photograph 8 – Removal of Centerline Sheetpile Wall



LEGEND

- Roads
- Surface Water
- Water Treatment Plant*
- Access Roads
- Asphalt Access Road
- Property Lines
- Loadout Area
- Site Security Fence Line
- Work Completed
- Turbidity Monitoring Locations
- Water Monitoring Locations
- Buried Electric/Telephone Line*

*Note: As-built features were located using a real time GPS unit



Scale in Feet

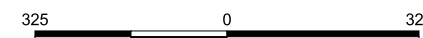
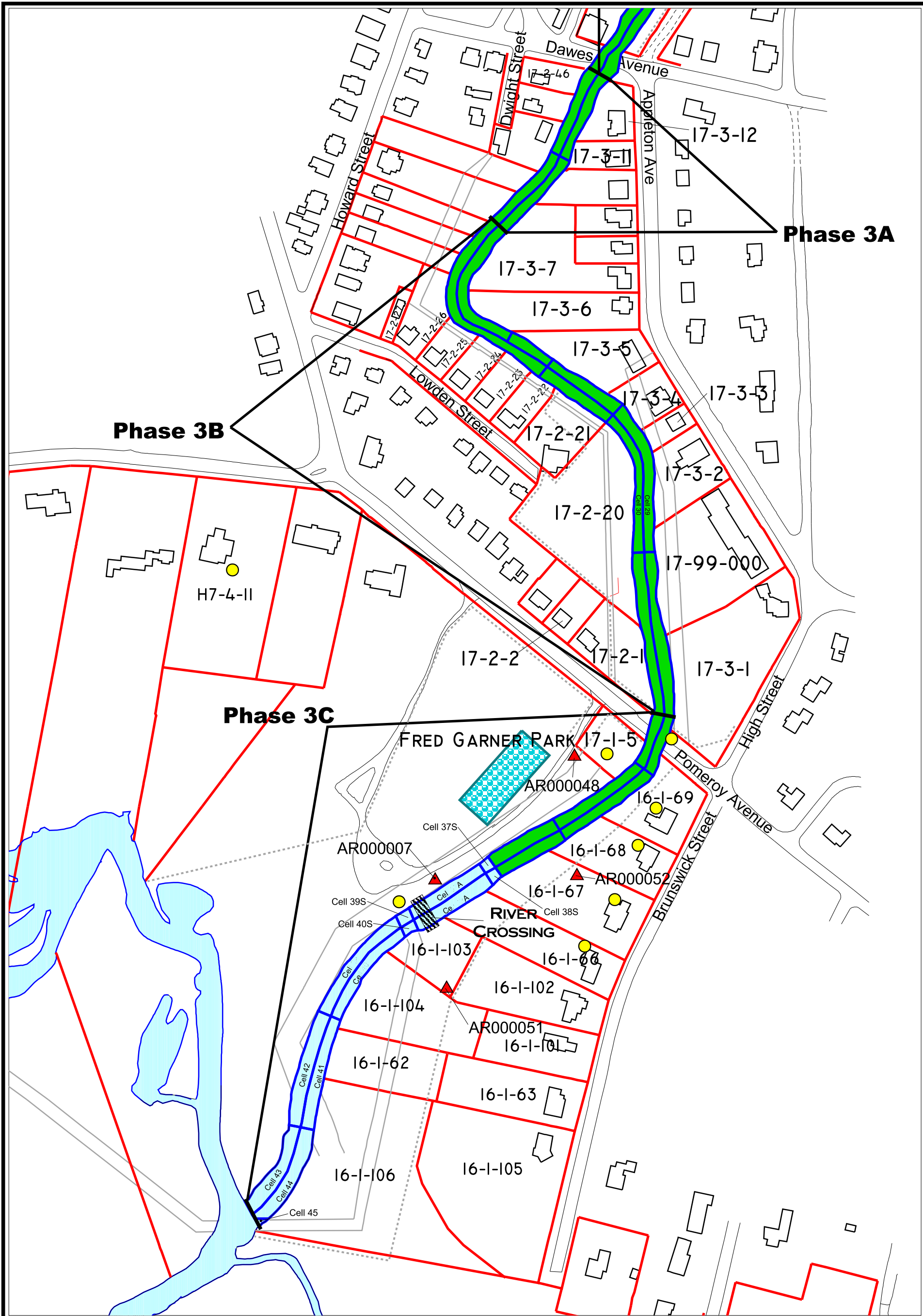


Figure 1
1.5 Mile Removal Action
Site Map (Map 1 of 2)
October 2005 Monthly Report



LEGEND

- | | |
|-----------------------|--------------------------------|
| Surface Water | Site Security Fence line |
| Water Treatment Plant | Roads |
| Property Lines | Vibration Monitoring Locations |
| Work Completed | Turbidity Monitoring Locations |
| Work In Progress | Water Monitoring Locations |
| Work Pending | Air Monitoring Locations |



Scale in Feet



Figure 1
1.5 Mile Removal Action
Site Map (Map 2 of 2)
October 2005 Monthly Report